

# Python Fun(damentals)

## Using the Python Interpreter

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- \* Quick Intro
- \* Live walkthrough



# How do you run these Python things you speak of?

A couple of key things to keep in mind when we talk about building Python applications:

- The Python **interactive** interpreter - A tool within the Python project
- Running code interactively in the interpreter - Live
- Running code directly in the interpreter - CLI arguments
- Running code directly with the Python binary - Byte compilation -> `exec()`

# Starting the Python Interpreter

On your, host CLI run the `python` command an interactive TTY shell will spawn and is ready for direct access to Python!

```
$ python3
Python 3.7.5 (default, Apr 19 2020, 20:18:17)
[GCC 9.2.1 20191008] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

Or you can even pass your Python code directly on the CLI:

```
$ python3 -c "print('hello world')"
hello world
```

# Lab 1

## Tasking

Live instruction on opening the Python interpreter.